



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

\*BIBDATASHEET\*

CONFIRMATION NO. 6902

Bib Data Sheet

SERIAL NUMBER 09/993,239	FILING DATE 11/13/2001  RULE	CLASS 438	GROUP ART UNIT 2818	ATTORNEY DOCKET NO. PAT034US
-----------------------------	---------------------------------------	--------------	------------------------	---------------------------------

APPLICANTS

Wen-Yen Hwang, Sugar Land, TX;  
Klaus Alexander Anselm, Sugar Land, TX;

\*\* CONTINUING DATA \*\*\*\*\* None

\*\* FOREIGN APPLICATIONS \*\*\*\*\* None

IF REQUIRED, FOREIGN FILING LICENSE GRANTED \*\* SMALL ENTITY \*\*  
\*\* 03/04/2002

Foreign Priority claimed 35 USC 119 (a-d) conditions met Verified and Acknowledged	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input checked="" type="checkbox"/> yes <input type="checkbox"/> no Met after Allowance Examiner's Signature Initials	STATE OR COUNTRY TX	SHEETS DRAWING 7	TOTAL CLAIMS 75	INDEPENDENT CLAIMS 5
--	---	---------------------------	------------------------	-----------------------	----------------------------

ADDRESS  
27543  
APPLIED OPTOELECTRONICS, INC.  
13111 JESS PIRTLE BLVD.  
SUGAR LAND , TX  
77478

TITLE  
VCSEL with ion-implanted current-confinement structure

FILING FEE  RECEIVED 1014	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
------------------------------------	---	---